

# WEST

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## Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: WO 200151545 A1 JP 2001192478 A

L28: Entry 1 of 1

File: DWPI

Jul 19, 2001

DERWENT-ACC-NO: 2001-541400

DERWENT-WEEK: 200158

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TITLE: Biodegradable film, useful for transparent windows in packaging, comprises polylactic acid polymer, and has specified properties

INVENTOR: TAKAGI, J; TERADA, S ; YOSHIGA, N

PRIORITY-DATA: 2000JP-0003724 (January 12, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200151545 A1	July 19, 2001	J	031	C08J005/18
JP 2001192478 A	July 17, 2001		007	C08J005/18

INT-CL (IPC): B29 C 55/04; B29 C 55/12; B29 K 67:00; B29 L 7:00; B32 B 27/10; B32 B 27/36; B65 D 5/52; C08 J 5/18; C08 L 67/04; C08 L 67:00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KnowlC
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Term	Documents
DEAD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB	133933
DEADS DWPI,TDBD,EPAB,JPAB,USPT,PGPB	58
FOLD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	265246
FOLDS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	58343
BIODEGRADABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	38289
BIODEGRADABLES DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	45
SHEET.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1253205
SHEETS DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	443042
FILM.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1810619
FILMS DWPI,TDBD,EPAB,JPAB,USPT,PGPB	402960
(DEAD FOLD AND BIODEGRADABLE (SHEET OR FILM)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	1

**DATE: Monday, September 30, 2002**   [Printable Copy](#)   [Create Case](#)

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L25</u>	biodegradable (sheet or film) and biodegradable polymer and filler [clm]	22	<u>L25</u>
<u>L24</u>	biodegradable (sheet or film) and biodegradable polymer and filler [ab]	5	<u>L24</u>
<u>L23</u>	biodegradable (sheet or film) and biodegradable polymer and filler [ti]	0	<u>L23</u>
<u>L22</u>	biodegradable (sheet or film) and biodegradable polymer and filler	72	<u>L22</u>
<u>L21</u>	biodegradable (sheet or film) and biodegradable polymer	181	<u>L21</u>
<u>L20</u>	biodegradable (sheet or film)	742	<u>L20</u>
<u>L19</u>	(sheet or film) near3 starch near3 silica [clm]	0	<u>L19</u>
<u>L18</u>	(sheet or film) near3 starch near3 silica [ab]	0	<u>L18</u>
<u>L17</u>	(sheet or film) near3 starch near3 silica [ti]	0	<u>L17</u>
<u>L16</u>	(sheet or film) near3 starch near3 silica	5	<u>L16</u>
<u>L15</u>	(sheet or film) near5 starch near3 silica	27	<u>L15</u>
<u>L14</u>	(sheet or film) near starch near silica	0	<u>L14</u>
<u>L13</u>	(sheet or film) near starch near silica [ti]	0	<u>L13</u>
<u>L12</u>	(sheet or film) and starch and silica [ti]	136	<u>L12</u>
<u>L11</u>	(sheet or film) and starch and silica	19135	<u>L11</u>
<u>L10</u>	L9 and l7	0	<u>L10</u>
<u>L9</u>	ecoflex	21	<u>L9</u>
<u>L8</u>	ecoflex-F	0	<u>L8</u>
<u>L7</u>	Biomax	264	<u>L7</u>
<u>L6</u>	Biomax 6926	0	<u>L6</u>
<u>L5</u>	biomax 6926	0	<u>L5</u>
<u>L4</u>	(sheet or film)	2975592	<u>L4</u>
<u>L3</u>	Hodson, Simon [in]	108	<u>L3</u>
<u>L2</u>	Schmidt, Harald [in]	228	<u>L2</u>
<u>L1</u>	Khemani, Kishan [in]	13	<u>L1</u>

END OF SEARCH HISTORY

**WEST****End of Result Set**[Generate Collection](#)[Print](#)

L28 Entry 1 of 1

File: DWPI

Jul 19, 2001

DERWENT-ACC-NO: 2001-541480  
DERWENT-WEEK: 200168  
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TITLE: Biodegradable film, useful for transparent windows in packaging, comprises polylactic acid polymer, and has specified properties

Basic Abstract Text (1):

NOVELTY - A biodegradable film, comprises a polylactic acid polymer and has a shrinkage of 3% or lower over 5 minutes at 100 deg. C, and has a dead fold when folded at an angle of 70 deg. or more

Basic Abstract Text (3):

(a) 10% biodegradable film comprising a polylactic acid polymer having a shrinkage of 0.4-5% over 10 minutes at 90 deg. C; and

Standard Title Terms (1)

BIODEGRADABLE FILM USEFUL TRANSPARENT WINDOW PACKAGE COMPRISE ACID POLYMER SPECIFIED PROPERTIES

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
HODSON,DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1532
HODSONS	0
SIMON[DWPI,EPAB,JPAB,USPT,PGPB]	32311
SIMONS[DWPI,EPAB,JPAB,USPT,PGPB]	5889
(HODSON ADJ (SIMON[IN])).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	108
(HODSON, SIMON [IN]).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	108

Database:

☐ US Patents Full-Text Database  
☐ US Pre-Grant Publication Full-Text Database  
☐ JPO Abstracts Database  
☐ EPO Abstracts Database  
☐ Derwent World Patents Index  
☐ IBM Technical Disclosure Bulletins

Search:

L3

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<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
DB	USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR YES; OP ADJ		
<u>L3</u>	Hodson, Simon [in]	108	<u>L3</u>
<u>L2</u>	Schmidt, Harald [in]	228	<u>L2</u>
<u>L1</u>	Khemani, Kishan [in]	13	<u>L1</u>

END OF SEARCH HISTORY

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Term	Documents
DEAD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	133933
DEADS DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	58
FOLD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	265246
FOLDS DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	58343
BIODEGRADABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	38289
BIODEGRADABLES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	45
SHEET.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1253205
SHEETS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	443042
FILM.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1810619
FILMS DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	402960
((BIODEGRADABLE ADJ (SHEET OR FILM))) AND (DEAD ADJ FOLD)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	1
(DEAD FOLD AND BIODEGRADABLE (SHEET OR FILM)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	1

Database:

US Patents Full-Text Database  
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JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Search:

L28

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**DATE: Monday, September 30, 2002 [Printable Copy](#) [Create Case](#)

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR YES; OP ADJ*

<u>L28</u>	dead fold and biodegradable (sheet or film)	1	<u>L28</u>
<u>L27</u>	dead fold	281	<u>L27</u>
<u>L26</u>	biodegradable (sheet or film) and biodegradable polymer and filler dead fold	0	<u>L26</u>
<u>L25</u>	biodegradable (sheet or film) and biodegradable polymer and filler [clm]	22	<u>L25</u>
<u>L24</u>	biodegradable (sheet or film) and biodegradable polymer and filler [ab]	5	<u>L24</u>
<u>L23</u>	biodegradable (sheet or film) and biodegradable polymer and filler [ti]	0	<u>L23</u>
<u>L22</u>	biodegradable (sheet or film) and biodegradable polymer and filler	72	<u>L22</u>
<u>L21</u>	biodegradable (sheet or film) and biodegradable polymer	181	<u>L21</u>
<u>L20</u>	biodegradable (sheet or film)	742	<u>L20</u>
<u>L19</u>	(sheet or film) near3 starch near3 silica [clm]	0	<u>L19</u>
<u>L18</u>	(sheet or film) near3 starch near3 silica [ab]	0	<u>L18</u>
<u>L17</u>	(sheet or film) near3 starch near3 silica [ti]	0	<u>L17</u>
<u>L16</u>	(sheet or film) near3 starch near3 silica	5	<u>L16</u>
<u>L15</u>	(sheet or film) near5 starch near3 silica	27	<u>L15</u>
<u>L14</u>	(sheet or film) near starch near silica	0	<u>L14</u>
<u>L13</u>	(sheet or film) near starch near silica [ti]	0	<u>L13</u>
<u>L12</u>	(sheet or film) and starch and silica [ti]	136	<u>L12</u>
<u>L11</u>	(sheet or film) and starch and silica	19135	<u>L11</u>
<u>L10</u>	L9 and 17	0	<u>L10</u>
<u>L9</u>	ecoflex	21	<u>L9</u>
<u>L8</u>	ecoflex-F	0	<u>L8</u>
<u>L7</u>	Biomax	264	<u>L7</u>
<u>L6</u>	Biomax 6926	0	<u>L6</u>
<u>L5</u>	biomax 6926	0	<u>L5</u>
<u>L4</u>	(sheet or film)	2975592	<u>L4</u>
<u>L3</u>	Hodson, Simon [in]	108	<u>L3</u>
<u>L2</u>	Schmidt, Harald [in]	228	<u>L2</u>
<u>L1</u>	Khemani, Kishan [in]	13	<u>L1</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 5 of 5 returned.****1 Document ID: US 20020098341 A1**

L24: Entry 1 of 5

File: PGFB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098341  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020098341 A1

TITLE: Biodegradable breathable film and laminate

PUBLICATION-DATE: July 25, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schiffer, Daniel K.	Marietta	GA	US	
Stopper, Steven R.	Duluth	GA	US	

US-CL-CURRENT: 428/323; 428/304.4, 428/312.2, 428/317.9, 442/394

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Draw
Draw Desc	Image										

**2 Document ID: US 20020094444 A1**

L24: Entry 2 of 5

File: PGFB

Jul 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020094444  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020094444 A1

TITLE: BIODEGRADABLE POLYESTER RESIN COMPOSITION, BIODISINTEGRABLE RESIN COMPOSITION, AND MOLDED OBJECTS OF THESE

PUBLICATION-DATE: July 18, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
NAKATA, KOJI	HIMEJI-SHI		JP	
ISHIKAWA, MASAHIRO	MATSUDO-SHI		JP	
SHIMIZU, KUNIO	HIMEJI-SHI		JP	
DAITO, TERUMASA	SAKAI-SHI		JP	
NISHIMURA, KENJI	HIMEJI-SHI		JP	
MURAKAMI, TADASHI	MATSUDO-SHI		JP	

US-CL-CURRENT: 428/480; 525/424, 525/434, 525/437

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Draw
Draw Desc	Image										

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**3. Document ID: US 6201032 B1**

L24: Entry 3 of 5

File: USPT

Mar 13, 2001

US-PAT-NO: 6201032

DOCUMENT-IDENTIFIER: US 6201032 B1

TITLE: EVA-based foamable composition and process for making biodegradable EVA foam

DATE-ISSUED: March 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shyu; Horng-Yi	Hsiang, Changhua Hsien			TW
Shyu; Yi-Sheng	Hsiang, Changhua Hsien			TW

US-CL-CURRENT: 521/84.1; 521/149, 521/95, 521/96

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC
Draw Desc	Image										

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**4. Document ID: US 6200404 B1**

L24: Entry 4 of 5

File: USPT

Mar 13, 2001

US-PAT-NO: 6200404

DOCUMENT-IDENTIFIER: US 6200404 B1

TITLE: Compositions and methods for manufacturing starch-based sheets

DATE-ISSUED: March 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Andersen; Per Just	Santa Barbara	CA		
Ong; Shaode	Goleta	CA		
Christensen; Bruce J.	Goleta	CA		
Hodson; Simon K.	Santa Barbara	CA		

US-CL-CURRENT: 156/245; 156/324, 264/130, 264/131, 264/145, 264/160, 264/211,  
264/211.11, 264/282, 264/286

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	RWMC
Draw Desc	Image									

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**5. Document ID: US 6168857 B1**

L24: Entry 5 of 5

File: USPT

Jan 2, 2001

US-PAT-NO: 6168857

DOCUMENT-IDENTIFIER: US 6168857 B1

TITLE: Compositions and methods for manufacturing starch-based compositions



DATE-ISSUED: January 2, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Andersen; Per Just	Santa Barbara	CA		
Ong; Shaode	Goleta	CA		
Christensen; Bruce J.	Goleta	CA		
Hodson; Simon K.	Santa Barbara	CA		

US-CL-CURRENT: 428/292.1; 428/220, 428/297.4, 428/300.7, 428/532, 428/905

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

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Term	Documents
BIODEGRADABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	38289
BIODEGRADABLES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	45
SHEET.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1253205
SHEETS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	443042
FILM.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1810619
FILMS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	402960
POLYMER.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1263096
POLYMERS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	381077
FILLER[DWPI,EPAB,JPAB,USPT,PGPB]	262695
FILLERS[DWPI,EPAB,JPAB,USPT,PGPB]	124765
(((BIODEGRADABLE ADJ (SHEET OR FILM)) AND (BIODEGRADABLE ADJ POLYMER)) AND (FILLER[AB])).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	5
(BIODEGRADABLE (SHEET OR FILM) AND BIODEGRADABLE POLYMER AND FILLER [AB]).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	5

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